

**VIRGINIA DEPARTMENT OF HEALTH  
RADIOLOGICAL HEALTH**

P.O. Box 2448  
Richmond, VA 23218  
(804) 786-5932

**APPLICATION FOR SOURCE MATERIAL LICENSE (continued)**

<p>11. Describe the equipment and facilities which will be used to protect health and minimize danger to life or property and relate the use of the equipment and facilities to the operations listed in item 9: Include:</p> <p>(a) radiation detection and related instruments (including film badges, dosimeters, air-monitoring and other survey equipment as appropriate. The description of radiation detection instruments should include of the type radiation detected and the range(s) of each instrument.</p>	
<p>(b) Method, frequency, and standards used in calibrating instruments listed in (a) above (for film Badges, specify method of calibration and processing, or name supplier.)</p>	
<p>(c) Ventilation equipment which will be used in operations which produce dust, fumes, mist, gases, Etc.</p>	
<p>12. Describe proposed procedures to protect health and minimize danger to life and property and relate These procedures to the operations listed in item 9. Include:</p> <p>(a) Procedures for the use of nuclear materials and safety features and procedures to avoid non-nuclear accidents, such as fire, explosion, etc., in source material storage and processing areas.</p>	
<p>(b) Emergency procedures in the event of accidents which might involve source material.</p>	
<p>(c) Detailed description of radiation survey program and procedures.</p>	
<p>13. Waste products: If none will be generated, state "none" opposite (a), below, If waste products will be Generated, check here__ and explain on a supplemental sheet.</p> <p>(a) Quantity and type of radioactive waste that will be generated.</p> <p>(b) Detailed procedures or waste disposal.</p>	
<p>14. If products for distribution to the general public under an exemption contained in Part 4 of the Va. Radiation Protection Regulations are to be manufactured, use a supplemental sheet to furnish a detailed description of the product including:</p> <p>(a) Percent source material in the product and its location in the product.</p> <p>(b) Physical description of the product including characteristics, if any, that will prevent inhalation or ingestion of the source material that might be separated from the product.</p> <p>(c) Beta and beta plus gamma radiation levels (specify instrument used, data of calibration, and calibration technique used) at the surface of the product and at 12 inches.</p> <p>(d) Method of assuring that source material cannot be disassociated from the manufactured product.</p>	
<p><b>CERTIFICATE</b> (this item must be completed by applicant)</p>	
<p>15. The applicant, and any official executing this certificate on behalf of the applicant named in item 2, Certify that this application is prepared in conformity with the Va. Radiation Protection regulations and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.</p>	
<p>Date _____</p>	<p>_____</p> <p>(applicant named in item 2)</p>
<p>by: _____</p>	<p>_____</p> <p>(title of certifying official authorized to act on behalf of the applicant)</p>

